

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-5. (canceled)

6. (currently amended) ~~The isolation method of claim 2;~~ An isolation method for satellite sequences, wherein a genomic DNA is cleaved by an enzymatic cleavage method, the isolation method comprising:

a) producing randomly cleaved fragments of the genomic DNA using  
~~wherein a nucleotide sequence-independent endonuclease is used in the enzymatic cleavage method and~~

b) selecting, from the fragments produced in step a), fragments comprising satellite sequences.

7-9. (canceled)